

10/500428

DT04 Rec'd PCT/PTO 28 JUN 2004

PATENT
Attorney Docket No. 229576
Client Reference No. 201213

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SUGARU et al.

Application No. Unassigned

Filed: June 28, 2004

Art Unit: Unassigned

Examiner: Unassigned

For: REMEDIES FOR CIBOPHOBIA OR
LIFESTYLE-RELATED DISEASES AND
METHOD OF SCREENING THE SAME


SUBMISSION OF SEQUENCE LISTING

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the requirements of 37 CFR 1.821-1.825, a sequence listing is being submitted as part of the patent application. The sequence listing is in the form of both a paper copy and a computer readable copy on a computer diskette. The undersigned hereby verifies that the content of the paper copy and the computer readable copy, as concurrently being submitted, are the same.

Respectfully submitted,



John Kilyk, Jr., Reg. No. 30,763
LENDIG, VOIT & MAYER, LTD.
Two Prudential Plaza, Suite 4900
180 North Stetson Avenue
Chicago, Illinois 60601-6780
(312) 616-5600 (telephone)
(312) 616-5700 (facsimile)

Date: June 28, 2004

SEQUENCE LISTING

<110> Sumitomo Pharmaceuticals CO., LTD.

<120> Therapeutic Agent for Anorexia Nervosa or Life-Style Related
Diseases, and Method for Screening Same

<130> 09517

<150> JP 2001-397523

<151> 2001-12-27

<160> 29

<170> PatentIn version 3.1

<210> 1

<211> 1038

<212> RNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)..(1035)

<400> 1

aug uac aag gac ugc auc gag ucc acu gga gac uau uuu cuu cuc ugu

48

Met	Tyr	Lys	Asp	Cys	Ile	Glu	Ser	Thr	Gly	Asp	Tyr	Phe	Leu	Leu	Cys		
1				5					10					15			
gac	gcc	gag	ggg	cca	ugg	ggc	auc	auu	cug	gag	ucc	cug	gcc	aua	cuu	96	
Asp	Ala	Glu	Gly	Pro	Trp	Gly	Ile	Ile	Leu	Glu	Ser	Leu	Ala	Ile	Leu		
		20						25					30				
ggc	auc	gug	guc	aca	auu	cug	cua	cuc	uua	gca	uuu	cuc	uuc	cuc	aug	144	
Gly	Ile	Val	Val	Thr	Ile	Leu	Leu	Leu	Leu	Ala	Phe	Leu	Phe	Leu	Met		
		35						40					45				
cga	aag	auc	caa	gac	ugc	agc	cag	ugg	aaU	guc	cuc	ccc	acc	cag	cuc	192	
Arg	Lys	Ile	Gln	Asp	Cys	Ser	Gln	Trp	Asn	Val	Leu	Pro	Thr	Gln	Leu		
	50						55				60						
cuc	uuc	cuc	cug	agu	guc	cug	ggg	cuc	uuc	gga	cuc	gcu	uuu	gcc	uuc	240	
Leu	Phe	Leu	Leu	Ser	Val	Leu	Gly	Leu	Phe	Gly	Leu	Ala	Phe	Ala	Phe		
65				70					75				80				
auc	auc	gag	cuc	aaU	caa	caa	acu	gcc	ccc	gua	cgc	uac	uuu	cuc	uuu	288	
Ile	Ile	Glu	Leu	Asn	Gln	Gln	Thr	Ala	Pro	Val	Arg	Tyr	Phe	Leu	Phe		
				85				90					95				
ggg	guu	cuc	uuu	gcu	cuc	ugu	uuc	uca	ugc	cuc	uua	gcu	cau	gcc	ucc	336	
Gly	Val	Leu	Phe	Ala	Leu	Cys	Phe	Ser	Cys	Leu	Leu	Ala	His	Ala	Ser		
				100				105					110				
aaU	cua	gug	aag	cug	guu	cgg	ggu	ugu	guc	ucc	uuc	ucc	ugg	acg	aca	384	
Asn	Leu	Val	Lys	Leu	Val	Arg	Gly	Cys	Val	Ser	Phe	Ser	Trp	Thr	Thr		
				115				120					125				
auu	cug	ugc	auu	gcu	auu	ggu	ugc	agu	cug	uug	caa	auc	auu	auu	gcc	432	
Ile	Leu	Cys	Ile	Ala	Ile	Gly	Cys	Ser	Leu	Leu	Gln	Ile	Ile	Ile	Ala		
				130				135					140				
acu	gag	uau	gug	acu	cuc	auc	aug	acc	aga	ggu	aug	aug	uuu	gug	aaU	480	

Thr Glu Tyr Val Thr Leu Ile Met Thr Arg Gly Met Met Phe Val Asn	
145 150 155 160	
aug aca ccc ugc cag cuc aaU gug gac uuu guu gua cuc cug guc uau	528
Met Thr Pro Cys Gln Leu Asn Val Asp Phe Val Val Leu Leu Val Tyr	
165 170 175	
guc cuc uuc cug aug gcc cuc aca uuc uuc guc ucc aaa gcc acc uuc	576
Val Leu Phe Leu Met Ala Leu Thr Phe Phe Val Ser Lys Ala Thr Phe	
180 185 190	
ugu ggc ccg ugu gag aac ugg aag cag cau gga agg cuc auc uuu auc	624
Cys Gly Pro Cys Glu Asn Trp Lys Gln His Gly Arg Leu Ile Phe Ile	
195 200 205	
acu gug cuc uuc ucc auc auc auc ugg gug gug ugg auc ucc aug cuc	672
Thr Val Leu Phe Ser Ile Ile Ile Trp Val Val Trp Ile Ser Met Leu	
210 215 220	
cug aga ggc aac ccg cag uuc cag cga cag ccc cag ugg gac gac ccg	720
Leu Arg Gly Asn Pro Gln Phe Gln Arg Gln Pro Gln Trp Asp Asp Pro	
225 230 235 240	
guc guc ugc auu gcu cug guc acc aac gca ugg guu uuc cug cug cug	768
Val Val Cys Ile Ala Leu Val Thr Asn Ala Trp Val Phe Leu Leu Leu	
245 250 255	
uac auc guc ccu gag cuc ugc auu cuc uac aga ucg ugu aga cag gag	816
Tyr Ile Val Pro Glu Leu Cys Ile Leu Tyr Arg Ser Cys Arg Gln Glu	
260 265 270	
ugc ccu uua caa ggc aaU gcc ugc ccc guc aca gcc uac caa cac agc	864
Cys Pro Leu Gln Gly Asn Ala Cys Pro Val Thr Ala Tyr Gln His Ser	
275 280 285	
uuc caa gug gag aac cag gag cuc ucc aga gcc cga gac agu gau gga	912

4/24

Phe Gln Val Glu Asn Gln Glu Leu Ser Arg Ala Arg Asp Ser Asp Gly
290 295 300
gcu gag gag gau gua gca uua acu uca uau ggu acu ccc auu cag ccg 960
Ala Glu Glu Asp Val Ala Leu Thr Ser Tyr Gly Thr Pro Ile Gln Pro
305 310 315 320
cag acu guu gau ccc aca caa gag ugu uuc auc cca cag gcu aaa cua 1008
Gln Thr Val Asp Pro Thr Gln Glu Cys Phe Ile Pro Gln Ala Lys Leu
325 330 335
agc ccc cag caa gau gca gga gga gua uaa 1038
Ser Pro Gln Gln Asp Ala Gly Gly Val
340 345

<210> 2

<211> 345

<212> PRT

<213> Homo sapiens

<400> 2

Met Tyr Lys Asp Cys Ile Glu Ser Thr Gly Asp Tyr Phe Leu Leu Cys
1 5 10 15

Asp Ala Glu Gly Pro Trp Gly Ile Ile Leu Glu Ser Leu Ala Ile Leu
20 25 30

Gly Ile Val Val Thr Ile Leu Leu Leu Leu Ala Phe Leu Phe Leu Met
35 40 45

5/24

Arg Lys Ile Gln Asp Cys Ser Gln Trp Asn Val Leu Pro Thr Gln Leu

50

55

60

Leu Phe Leu Leu Ser Val Leu Gly Leu Phe Gly Leu Ala Phe Ala Phe

65

70

75

80

Ile Ile Glu Leu Asn Gln Gln Thr Ala Pro Val Arg Tyr Phe Leu Phe

85

90

95

Gly Val Leu Phe Ala Leu Cys Phe Ser Cys Leu Leu Ala His Ala Ser

100

105

110

Asn Leu Val Lys Leu Val Arg Gly Cys Val Ser Phe Ser Trp Thr Thr

115

120

125

Ile Leu Cys Ile Ala Ile Gly Cys Ser Leu Leu Gln Ile Ile Ile Ala

130

135

140

Thr Glu Tyr Val Thr Leu Ile Met Thr Arg Gly Met Met Phe Val Asn

145

150

155

160

Met Thr Pro Cys Gln Leu Asn Val Asp Phe Val Val Leu Leu Val Tyr

165

170

175

Val Leu Phe Leu Met Ala Leu Thr Phe Phe Val Ser Lys Ala Thr Phe

180

185

190

6/24

Cys Gly Pro Cys Glu Asn Trp Lys Gln His Gly Arg Leu Ile Phe Ile
195 200 205

Thr Val Leu Phe Ser Ile Ile Ile Trp Val Val Trp Ile Ser Met Leu
210 215 220

Leu Arg Gly Asn Pro Gln Phe Gln Arg Gln Pro Gln Trp Asp Asp Pro
225 230 235 240

Val Val Cys Ile Ala Leu Val Thr Asn Ala Trp Val Phe Leu Leu Leu
245 250 255

Tyr Ile Val Pro Glu Leu Cys Ile Leu Tyr Arg Ser Cys Arg Gln Glu
260 265 270

Cys Pro Leu Gln Gly Asn Ala Cys Pro Val Thr Ala Tyr Gln His Ser
275 280 285

Phe Gln Val Glu Asn Gln Glu Leu Ser Arg Ala Arg Asp Ser Asp Gly
290 295 300

Ala Glu Glu Asp Val Ala Leu Thr Ser Tyr Gly Thr Pro Ile Gln Pro
305 310 315 320

Gln Thr Val Asp Pro Thr Gln Glu Cys Phe Ile Pro Gln Ala Lys Leu
325 330 335

7/24

Ser Pro Gln Gln Asp Ala Gly Gly Val

340

345

<210> 3

<211> 1324

<212> RNA

<213> Mus musculus

<220>

<221> CDS

<222> (148).. (1047)

<400> 3

gaggagagau uaaagcaccu gaaguugucu ccuccuuacu cauugcagc cacagcuucc 60

ccaccagcac agccucagag gcuuccggag uagacucgga ggaggagacc agacaucggu 120

ucucgugagg ucuaccuaua agucacc aug uau gag gac ugc gug aag ucc aca 174

Met Tyr Glu Asp Cys Val Lys Ser Thr

1

5

gaa gac uau uac cuc uuc ugu gac aac gag ggg cca ugg gcc auu guu 222

Glu Asp Tyr Tyr Leu Phe Cys Asp Asn Glu Gly Pro Trp Ala Ile Val

10

15

20

25

cug gag ucc uug gca gug auu ggc aua gug guu acc aua uug cua cuc 270

Leu Glu Ser Leu Ala Val Ile Gly Ile Val Val Thr Ile Leu Leu Leu

30

35

40

cug gca uuu cug uuc cuc aug cgg aag guu cag gac ugc agc cag ugg 318

Leu Ala Phe Leu Phe Leu Met Arg Lys Val Gln Asp Cys Ser Gln Trp	
45 50 55	
aac gug cuu ccc acu cag uuc cuc uuc cug cug gcu gug cuc ggg cuc	366
Asn Val Leu Pro Thr Gln Phe Leu Phe Leu Leu Ala Val Leu Gly Leu	
60 65 70	
uuc gga cuu acu uuu gcc uuc auc auc caa cuc aac cau caa acu gcc	414
Phe Gly Leu Thr Phe Ala Phe Ile Ile Gln Leu Asn His Gln Thr Ala	
75 80 85	
ccu guu cgc uac uuc cuc uuu ggg guu cuc uuu gcu auc ugc uuc ucc	462
Pro Val Arg Tyr Phe Leu Phe Gly Val Leu Phe Ala Ile Cys Phe Ser	
90 95 100 105	
ugc cuc cug gcu cau gcc ucc aac cug gug aag cug guc cgg ggu aga	510
Cys Leu Leu Ala His Ala Ser Asn Leu Val Lys Leu Val Arg Gly Arg	
110 115 120	
guc ucc uuc ugc ugg aca aca auu cug uuc auu gcu auc ggu guc agc	558
Val Ser Phe Cys Trp Thr Thr Ile Leu Phe Ile Ala Ile Gly Val Ser	
125 130 135	
cug uug cag acc auc auu gcg aua gag uau gug acc cuc auc aug acc	606
Leu Leu Gln Thr Ile Ile Ala Ile Glu Tyr Val Thr Leu Ile Met Thr	
140 145 150	
aga ggc uug aug uuc gag cau aug aca ccg uau cag cuc aa u gug gac	654
Arg Gly Leu Met Phe Glu His Met Thr Pro Tyr Gln Leu Asn Val Asp	
155 160 165	
uuu guc ugu cuc cug auc uau guc cuc uuc cug aug gcc cuc acu uuc	702
Phe Val Cys Leu Leu Ile Tyr Val Leu Phe Leu Met Ala Leu Thr Phe	
170 175 180 185	
uuc guc ucc aag gcc acc uuc ugu ggc cca ugu gag aac ugg aaa cag	750

9/24

Phe Val Ser Lys Ala Thr Phe Cys Gly Pro Cys Glu Asn Trp Lys Gln			
190	195	200	
cac gga agg cuc aua uuu gcu acu gug cug guc ucu auc auu auc ugg			798
His Gly Arg Leu Ile Phe Ala Thr Val Leu Val Ser Ile Ile Ile Trp			
205	210	215	
gug gug ugg auc ucc aug cuc uug aga ggc aac ccc cag cuc cag cga			846
Val Val Trp Ile Ser Met Leu Leu Arg Gly Asn Pro Gln Leu Gln Arg			
220	225	230	
cag ccc cac ugg gac gau gca guc auc ugc auu ggc cug guc acc aac			894
Gln Pro His Trp Asp Asp Ala Val Ile Cys Ile Gly Leu Val Thr Asn			
235	240	245	
gcu ugg guc uuc cug cug auc uac auc auc ccu gag cug agc aua cuc			942
Ala Trp Val Phe Leu Leu Ile Tyr Ile Ile Pro Glu Leu Ser Ile Leu			
250	255	260	265
uac agg uca ugu agg cag gag ugu ccu aca caa ggc aac guc ugc cag			990
Tyr Arg Ser Cys Arg Gln Glu Cys Pro Thr Gln Gly Asn Val Cys Gln			
270	275	280	
guc ccu guc uac caa cgc agc uuc agg aug gau acc cag gaa ccc acc			1038
Val Pro Val Tyr Gln Arg Ser Phe Arg Met Asp Thr Gln Glu Pro Thr			
285	290	295	
aga gag ugc ugaucccagc cgaggagauuc ucaucccauc agcuacacua			1087
Arg Glu Cys			

10/24

300

agcccacagc aagaugcagg auuguaaagc uacuggaaac agcauagaga caaccuggaa 1147

gagugcccug cuccacacag ccuaaaagag ccaggggag cacuggacac acugucaaug 1207

aagcauccuu ccuguccuu ccucucuguu ucccugccu uuccacucuu cuggaccag 1267

ccucugaaga cugucauguc cugcacaauu aaaaucuuu ugccaccua aaaaaa 1324

<210> 4

<211> 300

<212> PRT

<213> Mus musculus

<400> 4

Met Tyr Glu Asp Cys Val Lys Ser Thr Glu Asp Tyr Tyr Leu Phe Cys

1 5 10 15

Asp Asn Glu Gly Pro Trp Ala Ile Val Leu Glu Ser Leu Ala Val Ile

20 25 30

Gly Ile Val Val Thr Ile Leu Leu Leu Leu Ala Phe Leu Phe Leu Met

35 40 45

Arg Lys Val Gln Asp Cys Ser Gln Trp Asn Val Leu Pro Thr Gln Phe

50 55 60

11/24

Leu Phe Leu Leu Ala Val Leu Gly Leu Phe Gly Leu Thr Phe Ala Phe
65 70 75 80

Ile Ile Gln Leu Asn His Gln Thr Ala Pro Val Arg Tyr Phe Leu Phe
85 90 95

Gly Val Leu Phe Ala Ile Cys Phe Ser Cys Leu Leu Ala His Ala Ser
100 105 110

Asn Leu Val Lys Leu Val Arg Gly Arg Val Ser Phe Cys Trp Thr Thr
115 120 125

Ile Leu Phe Ile Ala Ile Gly Val Ser Leu Leu Gln Thr Ile Ile Ala
130 135 140

Ile Glu Tyr Val Thr Leu Ile Met Thr Arg Gly Leu Met Phe Glu His
145 150 155 160

Met Thr Pro Tyr Gln Leu Asn Val Asp Phe Val Cys Leu Leu Ile Tyr
165 170 175

Val Leu Phe Leu Met Ala Leu Thr Phe Phe Val Ser Lys Ala Thr Phe
180 185 190

Cys Gly Pro Cys Glu Asn Trp Lys Gln His Gly Arg Leu Ile Phe Ala
195 200 205

12/24

Thr Val Leu Val Ser Ile Ile Ile Trp Val Val Trp Ile Ser Met Leu
210 215 220

Leu Arg Gly Asn Pro Gln Leu Gln Arg Gln Pro His Trp Asp Asp Ala
225 230 235 240

Val Ile Cys Ile Gly Leu Val Thr Asn Ala Trp Val Phe Leu Leu Ile
245 250 255

Tyr Ile Ile Pro Glu Leu Ser Ile Leu Tyr Arg Ser Cys Arg Gln Glu
260 265 270

Cys Pro Thr Gln Gly Asn Val Cys Gln Val Pro Val Tyr Gln Arg Ser
275 280 285

Phe Arg Met Asp Thr Gln Glu Pro Thr Arg Glu Cys
290 295 300

<210> 5

<211> 20

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as primer for amplifying GPRC5D
mRNA.

<400> 5

acctcttctg tgacaacgag

20

<210> 6

<211> 20

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as primer for amplifying GPRC5D mRNA.

<400> 6

ggaagaggac atagatcagg

20

<210> 7

<211> 25

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as antisense DNA for inhibiting expression of GPRC5D.

<400> 7

tcatacatgg tgacttatag gtaga

25

<210> 8

<211> 25

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as antisense DNA for sequence
resulted from mutation causing abnormal splicing at position 705
of β -globin pre-mRNA in thalassemia.

<400> 8

cctcttacct cagttacaat ttata

25

<210> 9

<211> 25

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as primer for amplifying GPRC5D
mRNA.

<400> 9

ggagtatctc atcccatcag ctaca

25

<210> 10

<211> 24

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as primer for amplifying GPRC5D mRNA.

<400> 10

cactcttcca gggtgtctct atgc

24

<210> 11

<211> 22

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as primer for amplifying GAPDH mRNA.

<400> 11

caagagaggc cctatcccaa ct

22

<210> 12

<211> 23

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as primer for amplifying GAPDH mRNA.

<400> 12

ctaggcccct cctgttatta tgg

23

<210> 13

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as sense primer for amplifying human G protein Gα16 cDNA fragment containing full length ORF.

<400> 13

ccatggcccg ctcgctgacc

20

<210> 14

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as antisense primer for
amplifying human G protein Gα16 cDNA fragment containing full
length ORF.

<400> 14

ccgaggctgg agagatagac c

21

<210> 15

<211> 19

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as sense primer for amplifying
human G protein Gαi2 cDNA fragment containing full length ORF.

<400> 15

gcggcgggagc ggcggaacg

19

<210> 16

<211> 24

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as antisense primer for
amplifying human G protein G α i2 cDNA fragment containing full
length ORF.

<400> 16

ggagaaaagc ggcgggggaa cagg

24

<210> 17

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as sense primer for amplifying
human G protein G α S2 cDNA fragment containing full length ORF.

<400> 17

ccatgggctg cctcggaac a

21

<210> 18

<211> 23

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as antisense primer for
amplifying human G protein GαS2 cDNA fragment containng full
length ORF.

<400> 18

ggtttcgcaa aatcactcgg ggg

23

<210> 19

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as sense primer for amplifying
human G protein Gα16 cDNA fragment from initiation codon.

<400> 19

atggcccgcgt cgctgacctg g

21

<210> 20

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as sense primer for amplifying
human G protein G α i2 cDNA fragment from initiation codon.

<400> 20

atgggctgca ccgtgagcgc c

21

<210> 21

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as sense primer for amplifying
human G protein G α S2 cDNA fragment from initiation codon.

<400> 21

atgggctgcc tcgggaacag

20

<210> 22

<211> 18

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as antisense primer for
amplifying multiple cloning site of plasmid pcDNA3.1(+).

<400> 22

tagaaggcac agtcgagg

18

<210> 23

<211> 24

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Sense strand oligonucleotide designed to construct linker
containing nucleotide sequence encoding 6xHis-tag peptide
sequence.

<400> 23

gatatccatc atcatcatca ccat

24

<210> 24

<211> 18

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Antisense strand oligonucleotide desined to construct linker
containing nucleotide sequence encoding 6xHis-tag peptide
sequence.

<400> 24

atggtgatga tgatgatg

18

<210> 25

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as sence primer for amplifying
GPRC5D cDNA.

<400> 25

ggagaagggc atcagaaaac

20

<210> 26

<211> 22

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as antisense primer for
amplifying GPRC5D cDNA.

<400> 26

ttataactcct cctgcatctt gc

22

<210> 27

<211> 58

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as sense primer for
amplifying ORF of GPRC5D cDNA.

<400> 27

ggggacaagt ttgtacaaaa aagcaggctc caccatgtac aaggactgca tcgagtcc

58

<210> 28

<211> 55

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as antisense primer for
amplifying ORF (R form) of GPRC5D cDNA.

<400> 28

ggggaccact ttgtacaaga aagctggggtc attatactcc tcctgcatct tgctg . 55

<210> 29

<211> 51

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Oligonucleotide designed to act as antisense primer for
amplifying ORF (F form) of GPRC5D cDNA.

<400> 29

ggggaccact ttgtacaaga aagctggggtc tactcctcct gcatcttget g . 51